lies within both the first opening **121** of the first barrier **105** and the second opening **122** of the second barrier **106**. Such a syringe will pass across the top of the catheter assembly **700**, but will be held in place by the side members of each opening.

[0056] Turning now to FIG. **10**, illustrated therein is an exploded view of the tray **100** having the catheter assembly **700**, a pair of syringes **701**,**702**, and a specimen container **703** disposed therein. In the configuration of FIG. **10**, rather than having both syringes **701**,**702** disposed within the first compartment **101**, one syringe **702** is disposed laterally in the first opening **121** and the second opening **122** of the first barrier **105** and second barrier **106**, respectively.

[0057] Once the necessary components are disposed within the tray **100**, the tray can be sealed with a CSR wrap **1000** to keep the internal components sterile. Printed instructions **1001** can then be attached or disposed upon the tray **100**. In one embodiment, the printed instructions **1001** can tell the medical services provider how to perform a standard catheterization procedure. For instance, in one embodiment, the tray **100** is equipped with an adhesive label that can be used to identify the patient or specimen in the specimen container **703**. Further, a label can be included to mark or otherwise identify the material in the fluid bag attached to the catheter. Such labels can include pre-printed fields, such as date, time and name. Further the printed instructions **1001** can notify the medical services provider that the devices disposed within the tray **100** are ordered corresponding to use during the catheterization procedure.

[0058] In another embodiment, the printed instructions **1001** can inform the medical services provider of special instructions. For instance, in one embodiment the printed instructions **1001** can inform the medical services provider not to leave a catheter in a patient for more than forty-eight hours without a physician's approval. Where the printed instructions **1001** include such information, the labels included in the tray **100** may have pre-printed fields for the time of insertion that can be filled in by the medical services provider performing the catheterization procedure.

[0059] Once the printed instructions **1001** have been affixed to or placed with the tray **100**, the assembly can be sealed in a sterile wrap **1002** such as a thermally sealed bag. Inclusion of a sterile wrap allows the instructions to be included with the tray assembly, yet outside the CSR wrap **1000**. It will be clear to those of ordinary skill in the art having the benefit of this disclosure that the invention is not so limited, however. For example, the sterile wrap **1002** can be optional. Rather than including printed instructions **1001**, the instructions for use can be printed on the CSR wrap **1000**, thereby making the need for a sterile wrap optional.

[0060] Turning now to FIG. **11**, illustrated therein is a method **1100** for manufacturing a packaged catheter assembly in accordance with embodiments of the invention. At step **1101**, the manufacturer provides a tray (**100**) having at least a first compartment (**101**) for accommodating one or more syringes (**701**,**702**) and a second compartment (**102**) for accommodating a flexible medical device, such as a catheter assembly (**700**). As noted above, in one embodiment the first compartment (**101**) will have a first compartment base member (**107**) having an inclined, stair-stepped contour (**115**). The first compartment (**101**) and second compartment (**102**) can be separated by a first barrier (**105**) having an opening (**121**) therein.

[0061] Once the tray (**100**) is procured, the manufacturer can dispose at least one syringe (**701**) in the first compartment (**101**) at step **1102**. In one embodiment, as determined at decision **1104**, a second syringe (**702**) will be disposed in the first compartment (**101**) at step **1105**. In another embodiment, the second syringe (**702**) will be disposed laterally within the first opening (**121**) and, where present, a second opening (**122**) at step **1106**.

[0062] At step **1103**, the manufacturer will place the catheter assembly (**700**) in the second compartment (**102**). Other components may be disposed in the tray (**100**) as well, including a specimen container (**703**) in a third compartment (**103**) at step **1107**, towels, drapes, printed instructions, and so forth.

[0063] At step **1108**, the tray (**100**) is sealed. At optional step **1109**, the manufacturer can enclose printed instructions (**1001**). In one embodiment, the printed instructions (**1001**) will direct a user to discharge contents of at least one syringe into the first compartment (**101**) and to pass at least a portion of the catheter assembly (**700**) through the opening and into the contents to lubricate the catheter.

[0064] At step **1110**, the manufacturer can place a sterile wrap about the tray (**100**) and the printed instructions (**1001**), where included. At step **1111**, the completed assembly can be shipped to a medical services provider.

[0065] In the foregoing specification, specific embodiments of the present invention have been described. However, one of ordinary skill in the art appreciates that various modifications and changes can be made without departing from the scope of the present invention as set forth in the claims below. Thus, while preferred embodiments of the invention have been illustrated and described, it is clear that the invention is not so limited. Numerous modifications, changes, variations, substitutions, and equivalents will occur to those skilled in the art without departing from the spirit and scope of the present invention as defined by the following claims. Accordingly, the specification and figures are to be regarded in an illustrative rather than a restrictive sense, and all such modifications are intended to be included within the scope of present invention. The benefits, advantages, solutions to problems, and any element(s) that may cause any benefit, advantage, or solution to occur or become more pronounced are not to be construed as a critical, required, or essential features or elements of any or all the claims.

What is claimed is:

1. A tray configured to accommodate a catheter assembly and medical devices corresponding to catheter use, the tray comprising:

a contoured surface defining at least three compartments separated by barriers and a perimeter wall, the at least three compartments comprising:

a first compartment comprising a first compartment base member having at least one stair-stepped contour;

a second compartment comprising a second base member;

a first barrier separating the first compartment from the second compartment, wherein the first barrier defines a first opening between the first compartment and the second compartment, the first opening having a first opening depth;

a third compartment comprising a third base member; and

a second barrier separating the second compartment from the third compartment, wherein the second barrier defines a second opening between the second compartment and the third compartment, the second opening having a second opening depth.

2. The tray of claim **1**, wherein the first opening depth and the second opening depth are different.